

Title (en)
VITAMIN D 3? ANALOGS WITH BIS C-20 SIDE CHAINS

Title (de)
VITAMIN D3 ANALOGA MIT BIS-C-20-SEITENKETTEN

Title (fr)
ANALOGUES DE LA VITAMINE D3 AVEC DES CHAINES LATERALES BIS C-20

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Application
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Abstract (en)
[origin: WO9849138A2] This invention provides Vitamin D3 analogs of the Formula (I) wherein: X is H2 or CH2; Y is hydrogen, hydroxy or fluorine; Z is hydroxy; R1 and R2 are a (C1-C4) alkyl or fluoroalkyl, or R1 and R2 together with C25 form a (C3-C6) cycloalkyl or cyclofluoroalkyl; R3 and R4 are a (C1-C4) alkyl or fluoroalkyl, or R3 and R4 together with C25' form a (C3-C6) cycloalkyl or cyclofluoroalkyl; A is a single bond or a double bond; B1 is a single bond, an E-double bond, a Z-double bond or a triple bond; and B2 is a single bond, an E-double bond, a Z-double bond or a triple bond; and prodrugs thereof; intermediates and methods for preparation of these analogs, pharmaceutical compositions containing such analogs and methods for treatment of osteoporosis, hyperparathyroidism autoimmune diseases and for the treatment and prevention of neoplastic diseases.

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C07C 401/00

IPC 8 full level
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